

Amendments to the Claims:

Claims 1-18, 21-30, 38-42, 47-53, and 55-59 are currently pending. Claims 1, 16, 38, and 49 have been amended, and claim 60 has been canceled. This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended): A universal presentation device comprising:
 - an electronic control device configured to communicatively couple with a computer system to provide a control mechanism for the computer system;
 - a radio-frequency transmitter configured to communicatively couple the electronic control device with the computer system; and
 - a coherent light source configured to provide a coherent light beam for pointing the coherent light beam on an object[[,]];
 - a user-operable switch having a first state configured to select operation of the electronic control device, a second state configured to select operation of the coherent light source, and a third state configured to select operation of the electronic control device and the coherent light source for substantially simultaneously operating for combined operation of the electronic control device and the coherent light source; ~~which are dimensioned to form a substantially unitary device when at least one of the electronic control device or the coherent light source is operational;~~
 - a first housing portion including the electronic control device, a first power source, and a first electrical contract for the first power source; and
 - a second housing portion including the coherent light source, a second power source, and a second electrical contract for the second power source, wherein
 - the first housing potion and the second housing portion are separable and combinable,
 - if the first housing portion and the second housing portion are combined, the first and second electrical contacts are configured to contract and the first power source and the

second power are configured to provide a single power source configured to shared by the electronic control device and the coherent light source.

2. (Original): The universal presentation device in claim 1, wherein the substantially unitary device is dimensioned as a substantially elongated housing.

3. (Original): The universal presentation device in claim 2, wherein the coherent light beam is dispensed from a substantially first side of the substantially elongated housing.

4. (Original): The universal presentation device in claim 2, wherein a control mechanism of the electronic control device is mounted on substantially a first side of the substantially elongated housing.

5. (Original): The universal presentation device in claim 1, wherein a control mechanism of the electronic control device is mounted on a surface of a housing.

6. (Original): The universal presentation device in claim 5, wherein a control mechanism of the electronic control device and a lens of the coherent light source is mounted on substantially a first end of the housing.

7. (Previously Presented): The universal presentation device in claim 5, wherein a control mechanism of the electronic control device and a lens of the coherent light source are mounted on substantially opposite ends of the housing.

8. (Original): The universal presentation device in claim 6, further comprising a writing mechanism, the writing mechanism mounted in a substantially same side of the housing as at least one of either the control mechanism or the lens.

9. (Original): The universal presentation device in claim 3, wherein a control mechanism of the electronic control device is mounted on the substantially second side of the substantially elongated housing.

10. (Original): The universal presentation device in claim 3, wherein a control mechanism of the electronic control device is mounted on the substantially first side of the substantially elongated housing.

11. (Previously Presented): The universal presentation device in claim 1, further comprising a writing mechanism, wherein the writing mechanism couples with the electronic control device and the coherent light source to form a substantially unitary device when at least one from the group consisting of the electronic control device, the coherent light source, and the writing mechanism is operational.

12. (Original): The universal presentation device in claim 1, wherein the electronic control device comprises a gyroscope system, the gyroscope system mounted within a housing.

13. (Original): The universal presentation device in claim 12, wherein the gyroscope system includes a switch for making a selection on a display of the computer system.

14. (Original): The universal presentation device in claim 12, further comprising a writing mechanism, the writing mechanism and a lens of the coherent light source mounted in substantially a same side of the housing.

15. (Previously Presented): The universal presentation device in claim 12, further comprising a writing mechanism, the writing mechanism and a lens of the coherent light source mounted at substantially opposite sides of the housing.

16. (Currently Amended): A modular universal presentation device comprising:
a first presentation module configured to provide a first presentation function, the first presentation function including the use of an electrical circuit;
a second presentation module configured to provide a second presentation function; and

a releasable locking assembly configured to releaseably couple the first presentation module with the second presentation module to form a unitary article, wherein:

the first presentation module and the second presentation module are configured to be separable,

the first presentation module including a first power source and a first battery contact, and

the second presentation module including a second power source and a second battery contact

the first and second battery contacts are configured to contract if the first presentation module and the second presentation module are combined, and the first power source and the second power source are configured to provide one power source that is shared by the first presentation module and the second presentation module.

17. (Previously Presented): The modular universal presentation device in claim 16, wherein the first presentation module includes one from the group consisting of a laser pointer element and a pointing device element.

18. (Previously Presented): The modular universal presentation device in claim 16, wherein the second presentation module comprises a writing instrument element.

19 - 20. (Canceled).

21. (Original): The universal presentation device of claim 1, further comprising a radio frequency receiver configured to communicatively couple the electronic control device with the computer system.

22. (Original): The universal presentation device of claim 1, wherein the electronic control device comprises an optical pointing device.

23. (Original): The universal presentation device of claim 1, wherein the electronic control device operates as an optical pointing device in a first mode and as an electronic slide-show controller in a second mode.

24. (Original): The universal presentation device of claim 23, further comprising a switch configured to select at least one of the first mode and the second mode.

25. (Original): The universal presentation device of claim 23, further comprising a power management unit configured to automatically switch between the first and second modes responsive to user input to the electronic control device.

26. (Original): The universal presentation device of claim 1, wherein the electronic control device is dimensioned to fit a user hand during operation.

27. (Original): The universal presentation device of claim 26, further comprising a switch coupled to the coherent light source and configured to activate the coherent light source independently of the electronic control device.

28. (Original): The universal presentation device of claim 1, wherein the universal presentation device communicatively couples with the computer system through a wireless communication link.

29. (Previously Presented): The universal presentation device of claim 1, further comprising a power management unit configured to turn off at least one of the electronic control device and the coherent light source in response to a predetermined condition.

30. (Original): The universal presentation device of claim 29, wherein the predetermined condition comprises user inactivity for a predetermined time period.

31 - 37. (Canceled)

38. (Currently Amended): A universal presentation device comprising:
a communication means for communicating with a host system;

an application control means for controlling the host system;
a coherent light source means for generating a coherent light beam to light at least a portion of an object; ~~and~~

a housing means for housing the communication means, the application control ~~mechanism~~ means and the coherent light source means; and

a switching means for selecting operation of the coherent light source, the application control means, or the simultaneous combined operation of the coherent light source means and the application control means, wherein:

the housing means is configured to be separable into a first portion that includes the coherent light source means and a second portion the include the application control means,
the first portion includes a first power source and a first electrical contact,
the second portion includes a second power source and a second electrical contact, and

if the first portion and the second portion are combined, the first and second electrical contacts are configured to contract and the first power source and the second power are configured to form a single power source shared by the first portion and the second portion.

39. (Original): The universal presentation device of claim 38, wherein the communication means comprises a radio-frequency transmitter.

40. (Previously Presented): The universal presentation device of claim 38, wherein the application control means comprises a first presentation element.

41. (Original): The universal presentation device of claim 40, wherein the pointing device comprises one from a group consisting of an optical mouse, a conventional mouse, a trackball, and a touch-sensitive pad.

42. (Original): The universal presentation device of claim 40, wherein the pointing device comprises a solid-state roller.

43 - 46. (Canceled)

47. (Original): The universal presentation device of claim 38, wherein the coherent light means comprises a laser diode and a lens.

48. (Original): The universal presentation device of claim 38, wherein the host system comprises a computer system.

49. (Currently Amended): In a universal presentation device, a method comprising the steps of:

combining a first portion of the device with a second portion of the device to contact a first electrical contact in the first portion to a second electrical contact in the second portion;

in response to contacting the first electrical contact and the second electrical contact, coupling a first power source in the first portion to a second power source in the second portion to provide a single power source to power a coherent light source in the first portion and an electronic control device in the second portion;

switching a switch to operate ~~[[a]]~~ the coherent light source, ~~[[an]]~~ the electronic control device, or the coherent light source and the electronic control device in combination ~~substantially simultaneously;~~

communicating with a computer system;

receiving a user input via the electronic control device;

controlling the computer system in response to the user input; and

providing the coherent light source for generating a coherent light beam to reflect off an object;

~~housing the electronic control device and the coherent light source in a unitary device;~~

~~configuring the universal presentation device for controlling one of the computer system and the coherent light source; and~~

~~configuring the universal presentation device for simultaneously controlling the computer system and providing the coherent light source.~~

50. (Original): The method of claim 49, wherein the step of communicating with the host system further comprises the step of transmitting data using a radio-frequency transmitter.

51. (Original): The method of claim 49, further comprising the step of selecting between controlling the host system and providing the coherent light source.

52. (Original): The method of claim 49, further comprising the step of switching between controlling the host system and providing the coherent light source.

53. (Original): The method of claim 49, wherein the host system comprises a computer system.

54. (Canceled)

55. (Previously Presented): The universal presentation device of claim 40, wherein the first presentation element comprises a pointing device element.

56. (Previously Presented): The device of claim 1, wherein the electronic control device includes one of a roller ball, a touch pad, and a joystick disposed at a first end of the device and configured for use by a digit of a hand.

57. (Previously Presented): The device of claim 56, wherein the electronic control device further includes a set of control buttons that are configured for operation by one or more digits of the hand.

58. (Previously Presented): The device of claim 57, wherein the set of control buttons includes a laser-control button configured to control the coherent light source and one or more computer-control selection buttons, and wherein the set of buttons are configured for substantially simultaneous operation with the electronic control device.

59. (Previously Presented): The device of claim 58, wherein the digit includes a thumb, and the one or more digits includes one or more fingers.

Appl. No. 09/632,196
Amdt. sent October 28, 2005
Reply to Office Action of July 13, 2005

PATENT

60. (Canceled)